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----- Original Message -----

From: "Davis, Stephanie I. (ATSDR/DHS/HIBR)" [sgd8@CDC.GOV]
Sent: 02/06/2008 02:14 PM EST
To: Richard Wiggins; "Rosemarie Bowler" <rbowl@sfsu.edu>; George Bollweg
Subject: FW: S.H. Bell Manganese stories

FYI - 7-year average Mn levels are 34 times the RfC at water plant monitor.

From: Greg Stein [<mailto:Greg.Stein@odh.ohio.gov>]
Sent: Wednesday, February 06, 2008 12:00 PM
To: Bob Frey; Peter Ferron; john.kollman@odh.ohio.gov
Cc: Davis, Stephanie I. (ATSDR/DHS/HIBR); Colledge, Michelle (EPA) (CDC.epa.gov); Olivares, Dagny (ATSDR/OC); Greg Stein
Subject: S.H. Bell Manganese stories

State EPA cracks down on S.H. Bell

By MICHAEL D. McELWAIN (mmcelwain@reviewonline.com)

EAST LIVERPOOL — An East Liverpool business has been deemed a "public health nuisance" by a state agency and will face enforcement action.

S.H. Bell Company, located at 2217 Michigan Ave., is already facing federal EPA action but was informed about the Ohio Environmental Protection Agency issue in a letter sent Monday.

In the letter to S.H. Bell representatives, Ohio EPA Director Chris Korleski spoke of the seriousness of the situation and advised company leaders that the outdoor air concentration of manganese around the plant has the highest level recorded from any monitoring station in the United States.

"Recently I was briefed on the air quality study in East Liverpool and its findings of unusually high concentrations of manganese and chromium," Korleski said. "I am very concerned about these findings and the potential for impacts to human health and the environment. I am moving quickly to bring other agencies up to speed on this study."

According to Mike Settles, media representative for the Ohio EPA, dozens of outdoor air samples taken between 2000 and 2007 were analyzed. Three monitoring stations were located in the vicinity. One was placed at the East Liverpool school administrative building at Maryland Avenue, another at the Columbiana County Port Authority building on St. George Street, and the third monitoring station was placed at the East Liverpool water plant on Michigan Avenue.

According to Settles, the average concentrations of manganese exceeded U.S. EPA standards at all three locations.

Davis, Stephanie I. (CDC/ONDIEH/NCEH)

From: Davis, Stephanie I. (ATSDR/DHS/HIBR)
Sent: Tuesday, March 18, 2008 11:01 AM
To: 'Julian.Jaime@epamail.epa.gov'
Cc: PSC Colledge.Michelle EPAMAIL.EPA.GOV
Subject: RE: Marietta Monitoring and Health Study

Hi Jaime:

The one year of monitoring will be complete at the end of March. Michelle Colledge is taking the lead on writing up a final health consultation about a decision level to recommend/not recommend a health study based on the RFC, MRL, and additional input from ATSDR toxicologists.

Michelle also has been the point person to work with the USEPA Denver labs to perform additional fingerprinting of the particulate matter from the latest filters from the air investigation. Theresa Hosick and Steve Machemer have developed a lab analysis plan to look at composition, particle fraction by SEM and mass spec analysis.

When we get the last data from air monitoring, we'll be happy to share with you.

I wasn't sure if you would be looking at the SH Bell Site in East Liverpool (since it is not directly a ferroalloys industry), but ATSDR has accepted this petition. Michelle is also going to write up this consultation. Denver labs are including filters from SH Bell in their fingerprinting.

Let us know if you have any other questions. Did you see the web site?

Stephanie

From: Julian.Jaime@epamail.epa.gov [<mailto:Julian.Jaime@epamail.epa.gov>]
Sent: Friday, March 14, 2008 12:15 PM
To: Davis, Stephanie I. (ATSDR/DHS/HIBR)
Subject: Marietta Monitoring and Health Study

Hi Stephanie,

I was just curious about the current status of the Marietta health study. I was thinking that the one year of monitoring that OEPA asked for was probably finished at this point, and I was just sort of curious about what's happening now. We are having a meeting next week to discuss Ohio issues, and I thought it might be good to have some information on the ATSDR project.

Also, a quick update on the residual risk project that we're working on...the modeling for Globe is finished and we'll be starting the modeling for Eramet soon. We're still waiting on the company to give us a couple of things, but once we have that, it shouldn't be long before we have some preliminary results.

Any information you can provide would be appreciated. Thanks very much!

Jaime

Davis, Stephanie I. (CDC/ONDIEH/NCEH)

From: Davis, Stephanie I. (ATSDR/DHS/HIBR)
Sent: Friday, August 08, 2008 10:53 AM
To: 'Sieffert.Margaret@epamail.epa.gov'
Subject: RE: Eramet Questions/Eramet and SH Bell Update

Great, thanks. This would be helpful for our health call.

-----Original Message-----

From: Sieffert.Margaret@epamail.epa.gov [mailto:Sieffert.Margaret@epamail.epa.gov]
 Sent: Friday, August 08, 2008 10:51 AM
 To: Davis, Stephanie I. (ATSDR/DHS/HIBR)
 Cc: Bollweg.George@epamail.epa.gov; Wagner.Jaime@epamail.epa.gov; PSC Colledge.Michelle EPAMAIL.EPA.GOV;
 Trine.Rae@epamail.epa.gov
 Subject: RE: Eramet Questions/Eramet and SH Bell Update

Stephanie,

Before providing this we need to get clearance from our attorney. So once we hear back from her we will let you know.

-Margaret

"Davis,
 Stephanie I.
 (ATSDR/DHS/HIBR)

" <sgd8@cdc.gov>

To

Margaret Sieffert/R5/USEPA/US@EPA

08/08/2008 09:25

cc

AM

George Bollweg/R5/USEPA/US@EPA,

Jaime Wagner/R5/USEPA/US@EPA,

Mark Johnson/R5/USEPA/US@EPA,

Motria Caudill/R5/USEPA/US@EPA,

Rae Trine/R5/USEPA/US@EPA,

"Dearwent, Steve

(ATSDR/DHS/HIBR)" <sed7@CDC.GOV>,

Michelle Colledge/R5/USEPA/US@EPA

Subject

RE: Eramet Questions/Eramet and

SH Bell Update

Hi Margaret:

Wondered if you may have historic production output numbers as well.

Stephanie

-----Original Message-----

From: Sieffert.Margaret@epamail.epa.gov

[mailto:Sieffert.Margaret@epamail.epa.gov]

Sent: Friday, August 08, 2008 10:14 AM

To: PSC Colledge.Michelle EPAMAIL.EPA.GOV

Cc: Bollweg.George@epamail.epa.gov; Wagner.Jaime@epamail.epa.gov; Johnson.Mark@epamail.epa.gov;

Caudill.Motria@epamail.epa.gov; Trine.Rae@epamail.epa.gov; Dearwent, Steve (ATSDR/DHS/HIBR); Davis, Stephanie I. (ATSDR/DHS/HIBR)

Subject: Re: Eramet Questions/Eramet and SH Bell Update

I have searched our 114 responses from Eramet and found the following changes/modifications:

These are before 2000 but may be of interest to you:

Modification of #18 furnace - May 1995

New Grizzly Sizing System - June 1995

New Pelletizer System - May 1996

ElMang Flake Packaging System - October 1997

After 2000:

ElMang process closed - October 2000

Crushing/sizing operation in same building as Furnace #12 - January 2006

In our last 114 request to Eramet in December 2005, we asked again and this was their answer on January 31, 2006:

Eramet is currently installing a new crushing/sizing operation.

Otherwise, Eramet has not made any modification or significant changes to the ferroalloy production processes in the past 5 years.

We do not have any additional information after that date. The state may have additional information.

-Margaret

Michelle